

**United States Environmental Protection Agency**  
**Region V**  
**POLLUTION REPORT**

**Date:** Thursday, May 25, 2006

**From:** Tom Cook

|            |                              |                              |
|------------|------------------------------|------------------------------|
| <b>To:</b> | Sally Jansen, U.S. EPA       | Stephen Mendoza, U.S. EPA    |
|            | Afif Marouf, U.S. EPA        | Dave Graham, City of Chicago |
|            | Bruce Everetts, Illinois EPA | Sarah Meyer, WESTON          |

**Subject:** Ongoing Site Activities  
Ingersoll Removal  
1000 W 120th street, Chicago, IL  
Latitude: 41.6764000  
Longitude: -87.6469000

|                          |                   |                            |                |
|--------------------------|-------------------|----------------------------|----------------|
| <b>POLREP No.:</b>       | 8                 | <b>Site #:</b>             | B5CW           |
| <b>Reporting Period:</b> | 5/8/06 to 5/25/06 | <b>D.O. #:</b>             | 0057           |
| <b>Start Date:</b>       | 1/18/2006         | <b>Response Authority:</b> | CERCLA         |
| <b>Mob Date:</b>         | 1/18/2006         | <b>Response Type:</b>      | Time-Critical  |
| <b>Demob Date:</b>       |                   | <b>NPL Status:</b>         | Non NPL        |
| <b>Completion Date:</b>  |                   | <b>Incident Category:</b>  | Removal Action |
| <b>CERCLIS ID #:</b>     |                   | <b>Contract #</b>          | 68S50306       |
| <b>RCRIS ID #:</b>       |                   |                            |                |

**Site Description**

The detailed site description can be found in POLREP #1

**Current Activities**

May 8, 2006 through May 25, 2006:

Asbestos removal was completed in building 714, 916, 913, 921, 715, 614, 615, 611, 612, 613, and hallway between building 921 and 515. In addition all Asbestos Containing Material (ACM) bags were double bagged, labeled and transferred to a lined 30 cubic yard roll-off box. On May 19, 2006, one 30 cubic yard roll-off box was hauled offsite to Allied Waste's Newton County Landfill in Brook, Indiana for disposal. Prior to start-up of each building, ERRS personnel prepared the work area with asbestos signs and caution tape. A temporary shower was staged in the decontamination zone. The ERRS crew started by wetting the entire floor and removing all loose ACM from the floor, shovels were being used to place the ACM in asbestos bags. Once all the ACM was removed from the floor, a bobcat was utilized to consolidate all the debris, and then ACM removal from overhead piping was conducted. A total of approximately 2,400 linear feet of ACM was removed from the overhead pipes during this reporting period.

Continued to excavate and consolidate debris from furnace pits in building 924. In addition backfilled five pits in building 912. Open manholes were addressed by welding them with rebar. A total of 46,000 gallons of water and oil was dewatered from the north and west basements of building 924 (total 137,000 gallons).

All oily water removed from the basements was transferred to the on-site non-TSCA temporary waste water trench (WWT) containment. A total of 254,750 gallons of water/ oil and rinsate has been transferred to the WWT for temporary storage, since the beginning of the removal. Approximately 82,841 gallons of water/ oil and rinsate is in the WWT temporary storage. During this POLREP period, no wastewater was hauled off site for treatment.

**Air Sampling and Monitoring:**

During this POLREP period, START collected daily asbestos air samples from the breathing zone of ERRS laborers and the perimeter of the work area, where asbestos removal activities were performed. Asbestos air samples were collected from two ERRS labors and four from around the perimeter of the subject building, covering all four directions. Analytical results have indicated that all levels of asbestos in air are below permissible exposure levels and the perimeter sample results are below

U.S. EPA residential levels. Due to the continuous change in work activities and the number of interconnected buildings on site, the OSC determined that level of PPE (level C) will not be downgraded.

START conducted daily air monitoring using a personal data RAM (PDR) and a MultiRae® five-gas photo-ionization detector (PID). All PDR readings were below nuisance dust permissible exposure levels. MultiRae® readings for volatile organic compounds (VOCs), carbon monoxide (CO), hydrogen sulfide (H2S) and lower explosive limit (LEL) have been non-detectable and oxygen level has been at 20.9%.

#### Liquid Sampling:

On May 22, 2006, START collected one oil/water sample from an outside manhole west of building 920.

#### Wipe Samples:

No wipe samples were collected during this reporting period.

#### Solid Samples:

No solid samples were collected during this reporting period.

For additional information regarding site removal activities and sampling, see the Summary of Activity and Samples table in the documents section.

### Planned Removal Actions

To mitigate the threats to human health and the environment posed by conditions at the Former Ingersoll Site, the U.S. EPA plans to:

- Fortify and maintain site security to prohibit the public from entering the site;
- Evaluate the nature of liquid in on-site sumps, pits, vaults, basements, and manholes, and remove and dispose of contaminated liquid and sediment from those areas;
- Evaluate transformer pads for PCB contamination and remove those pads that are contaminated;
- Decontaminate surfaces contaminated with PCBs; and
- Evaluate the exposure of nearby populations to asbestos fibers that may migrate from the site property and remove the ACM from the site.

### Next Steps

- Continue with ACM removal;
- Continue stockpiling debris and floor scrapings from within facility buildings;
- Continue the extent of contamination survey of on-site sumps, pits, vaults, basements, and manholes containing liquid;
- Continue de-watering contaminated liquid from sumps, pits, vaults, basements, and manholes;
- Continue power washing surfaces, excavation of pits and trenches, and backfilling open pits and trenches;
- Continue collecting air samples for lead and asbestos from worker breathing zones;
- Continue to document site activity and conditions;
- Evaluate analytical results from samples collected on-site as they become available; and
- Transportation and disposal of liquid and solid waste.

### Key Issues

- Meeting transportation and disposal analytical requirements for debris and floor scrapings that have been stockpiled;
- Handling contents of on-site sumps, pits, vaults, basements and manholes that may contain standing or running liquid with potentially elevated levels of toxic and hazardous constituents
- Covering all manholes, pits and trenches
- Taking all proper measures to keep asbestos and lead air born contaminants below OSHA and EPA standards.

### Disposition of Wastes

| Waste Stream                          | Quantity       | Manifest # | Disposal Facility      |
|---------------------------------------|----------------|------------|------------------------|
| RQ, Asbestos, mixture, 9, NA2212, III | 30 Cubic Yards | 051906-1   | Newton County Landfill |

[response.epa.gov/IngersollRemoval](https://response.epa.gov/IngersollRemoval)